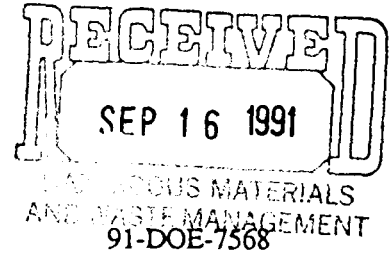


000045402



Department of Energy

ROCKY FLATS OFFICE
P.O. BOX 928
GOLDEN, COLORADO 80402-0928



SEP 13 1991

Gary W. Baughman, Unit Leader
Hazardous Waste Facilities
Hazardous Materials and Waste Management Division
Colorado Department of Health
4210 East 11th Avenue
Denver, CO 80220-3716

Dear Mr. Baughman:

Your letter of December 28, 1990, approved a change to interim status for operation of a heater and soaker pipe system in the 207A and 207B Solar Evaporation Ponds at the Rocky Flats Plant. The heater/soaker system is designed to pump pond water through a preheater and then onto the perimeter of the pond berms to enhance evaporation in the ponds.

As part of the heater/soaker system, we would also like to wet the dry portions of the floors of the 207A and 207B Ponds with a simple pump and hose arrangement. The end sections of the hose would be perforated (similar to the heater/soaker system) to allow for even wetting of the pond floors. The floors of the ponds are black in color and can be used to enhance evaporation of the pond water. As with the heater/soaker system, water would flow from the perforations at low velocity, so that water would not become airborne and leave the pond boundaries. The system is conceptually described in the attachment to this letter.

This letter requests that CDH approve the system described by this letter as part of the change to interim status for the heater/soaker system. To facilitate drying out the ponds as quickly as possible, we would appreciate your expedited approval of this request. If you have any questions, please contact Thomas E. Lukow of my staff at 966-4561.

Sincerely,

A handwritten signature in cursive script, appearing to read "Thomas E. Lukow".

David P. Simonson
Assistant Manager
for Environmental Management

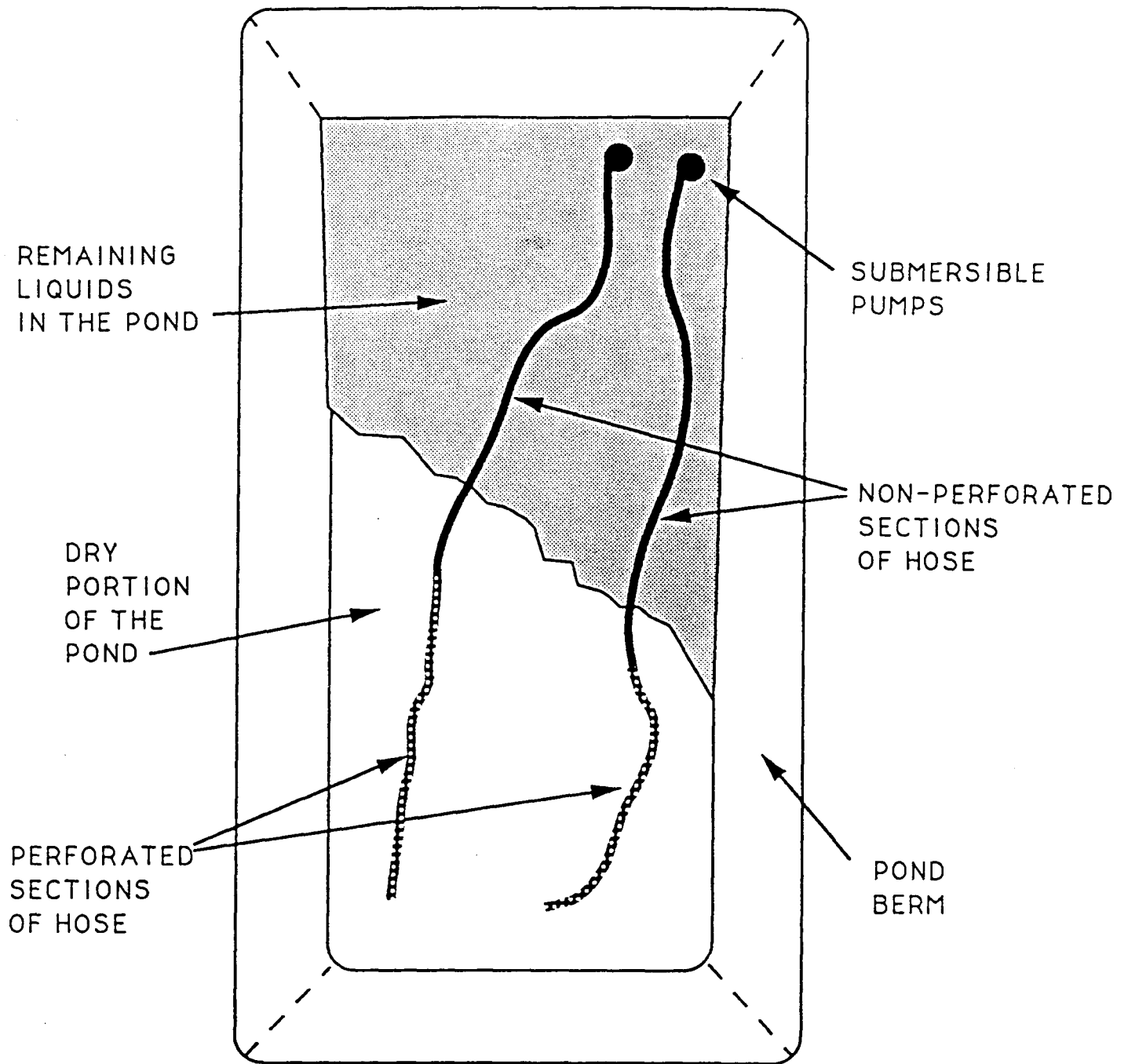
Attachment

cc

F. R. Dowsett, CDH
N. Matsuura, CDH
T. E. Lukow, DOE
J. Wienand, DOE
D. Ferrier, EG&G

P. W. Edrich, EG&G
J. M. Kersh, EG&G
R. V. Morgan, EG&G
J. D. Roberts, EG&G
A. L. Schubert, EG&G

TYPICAL LAYOUT OF SOAKER HOSES FOR
207A AND 207B SOLAR EVAPORATION PONDS



Note: Several pump/hose systems may be utilized to evenly wet the pond floors.